

10/543003

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Client Reference No.: E1-A0211P-US

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Commissioner for Patents
P.O. Box 1450
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By: 
Aaron Hokamura

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Yuichi ONO et al.

Application No.:

Filed:

Int'l Application No.: PCT/JP04/000629

Int'l Filing Date: January 23, 2004

For: LRP4/CORIN DOPAMINERGIC
NEURON PROLIFERATIVE
PROGENITOR CELL MARKERS

Examiner:

Art Unit:

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of references AA-AD, AH, AO and AP are not enclosed since they were cited in the International Search Report and, as such, should have been provided directly by the WIPO under the exchange program between the USPTO, the EPO and the JPO. Copies of references AE-AG and AI-AN are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the

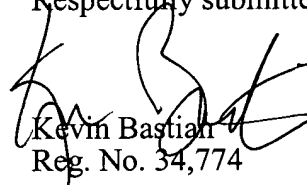
references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also enclosed is a copy of the Search/Examination report corresponding to the PCT application.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Kevin Bastian
Reg. No. 34,774

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KLB:ath
60544815 v1

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			<i>Complete if Known</i>				
			Application Number		10/543003		
			Filing Date				
			First Named Inventor		Ono, Yuichi		
			Art Unit				
Examiner Name							
Sheet	1	of	2	Attorney Docket Number 082368-004900US			

U.S. PATENT DOCUMENTS+						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	6,277,820	B1	08/21/2001	Rosenthal et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	AB	WO	99/64608	A1	12/16/1999	Schering Aktiengesellschaft		<input type="checkbox"/>
	AC	WO	00/06700	A1	02/10/2000	Layton Bioscience, Inc.		<input type="checkbox"/>
	AD	WO	01/057194	A2	08/09/2001	Corvas International, Inc.		<input type="checkbox"/>
	AE	WO	2004/038018	A1	05/06/2004	Eisai Co., Ltd.		<input checked="" type="checkbox"/>

Examiner Signature		Date Considered	
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60544815 v1

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
				Application Number	10/543003	
				Filing Date		
				First Named Inventor	Ono, Yuichi	
				Art Unit		
				Examiner Name		
Sheet	2	of	2	Attorney Docket Number	082368-004900US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AF	BARBERI, Tiziano <i>et al.</i> ; "Neural subtype specification of fertilization and nuclear transfer embryonic stem cells and application in parkinsonian mice"; <u>Nature Biotechnology</u> ; October 2003; pp. 1200-1207; Vol. 21, No. 10.	
	AG	BJORKLUNK, Lars M. <i>et al.</i> ; "Embryonic stem cells develop into functional dopaminergic neurons after transplantation in a Parkinson rat model"; <u>PNAS</u> ; February 19, 2002; pp. 2344-2349; Vol. 99, No. 4	
	AH	HOOPER, J. D. <i>et al.</i> ; "Localization of the mosaic transmembrane serine protease corin to heart myocytes"; <u>Eur. J. Biochem.</u> ; 2000; pp. 6931-6937; Vol. 267, No. 23.	
	AI	KAWASAKI, Hiroshi <i>et al.</i> ; "Generation of dopaminergic neurons and pigmented epithelia from primate ES cells by stromal cell-derived inducing activity"; <u>PNAS</u> ; February 5, 2002; pp. 1580-1585; Vol. 99, No.3.	
	AJ	KIM, Jong-Hoon <i>et al.</i> ; "Dopamine neurons derived from embryonic stem cells function in an animal model of Parkinson's disease"; <u>Nature</u> ; July 4, 2002; pp. 50-56; Vol. 418	
	AK	LEE, Sang-Hun <i>et al.</i> ; "Efficient generation of midbrain and hindbrain neurons from mouse embryonic stem cells"; <u>Nature Biotechnology</u> ; June 2000; pp. 675-679; Vol 18	
	AL	SAWAMOTO, Kazunobu <i>et al.</i> ; "Visualization, direct isolation, and transplantation of midbrain dopaminergic neurons"; <u>PNAS</u> ; May 22, 2001; pp. 6423-6428; Vol. 98, No. 11	
	AM	SAWAMOTO, Kazunobu <i>et al.</i> ; "Generation of dopaminergic neurons in the adult brain from mesencephalic precursor cells labeled with a <i>nestin-GFP</i> transgene"; <u>The Journal of Neuroscience</u> ; June 1, 2001; pp. 3895-3903; Vol. 21, No. 11.	
	AN	STUDER, Lorenz <i>et al.</i> ; "Transplantation of expanded mesencephalic precursors leads to recovery in parkinsonian rats"; <u>Nature Neuroscience</u> ; August 1998; pp. 290-295; Vol. 1, No. 4	
	AO	TOMITA, Y <i>et al.</i> ; "A novel low-density lipoprotein receptor-related protein with type II membrane protein-like structure is abundant in the heart"; <u>J. Biochem.</u> ; 1998; pp 784-789; Vol. 124, No. 4.	
	AP	YAN, W. <i>et al.</i> ; "Corin, a mosaic transmembrane serine protease encoded by a novel cDNA from human heart"; <u>J. Biol. Chem.</u> ; 1999; pp. 14926-14935; Vol. 274, No. 21	

Examiner Signature		Date Considered	
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